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501-455-3233 Fax 501-455-6118

16 May 2011

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221

RE: Arkwood Monthly Sampling
SDG Number: 1105150

Enclosed are the results of analyses for samples received by the laboratory on 10-May-11 11:21. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Preservation Confirmed	✓
Received On Ice	✓
Temperature on Receipt	4.0°C

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

Norma James
President

16 May 2011

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Oxford Environmental & Safety, Inc
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Overland Park, KS 66221
Project: Arkwood Monthly Sampling



Date Received: 10-May-11 11:21

ANALYTICAL RESULTS

Lab Number: 1105150-01
Sample Name: Mouth
Date/Time Collected: 5/9/11 12:15
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	43.8		5/14/11 11:48	A105156	8270D
2,4,6-Tribromophenol [surr]	%	71.6		5/14/11 11:48	A105156	8270D
2-Fluorophenol [surr]	%	35.8		5/14/11 11:48	A105156	8270D
Phenol-d5 [surr]	%	25.3		5/14/11 11:48	A105156	8270D

ANALYTICAL RESULTS

Lab Number: 1105150-02
Sample Name: Weir
Date/Time Collected: 5/9/11 12:00
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	< 5.00		5/14/11 12:33	A105156	8270D
2,4,6-Tribromophenol [surr]	%	63.5		5/14/11 12:33	A105156	8270D
2-Fluorophenol [surr]	%	31.4		5/14/11 12:33	A105156	8270D
Phenol-d5 [surr]	%	21.8		5/14/11 12:33	A105156	8270D

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QUALITY CONTROL RESULTS

Semivolatiles - Quality Control Analyzed: 13-May-11 12:53 By: TB

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A105156 - 3550B: Modified

Blank (A105156-BLK1)

Prepared: 11-May-11 Analyzed: 13-May-11

Pentachlorophenol	ND	5.00	ug/L							
Surrogate: 2,4,6-Tribromophenol	29.5		"	40.0		73.7	39.2-127			
Surrogate: 2-Fluorophenol	18.2		"	40.0		45.4	10.7-76.6			
Surrogate: Phenol-d5	14.6		"	40.0		36.6	13-62.4			

LCS (A105156-BS1)

Prepared: 11-May-11 Analyzed: 13-May-11

Pentachlorophenol	30.0	10.0	ug/L	40.0		75.0	65.4-117			
Surrogate: 2,4,6-Tribromophenol	37.0		"	40.0		92.6	39.2-127			
Surrogate: 2-Fluorophenol	23.5		"	40.0		58.8	10.7-76.6			
Surrogate: Phenol-d5	21.1		"	40.0		52.8	13-62.4			

Matrix Spike (A105156-MS1)

Source: 1105131-01

Prepared: 11-May-11 Analyzed: 13-May-11

Pentachlorophenol	29.5	10.0	ug/L	40.0	ND	73.7	49.6-126			
Surrogate: 2,4,6-Tribromophenol	35.2		"	40.0		87.9	39.2-127			
Surrogate: 2-Fluorophenol	22.5		"	40.0		56.3	10.7-76.6			
Surrogate: Phenol-d5	19.9		"	40.0		49.7	13-62.4			

Matrix Spike Dup (A105156-MSD1)

Source: 1105131-01

Prepared: 11-May-11 Analyzed: 13-May-11

Pentachlorophenol	35.0	10.0	ug/L	40.0	ND	87.6	49.6-126	17.2	30	
Surrogate: 2,4,6-Tribromophenol	36.7		"	40.0		91.7	39.2-127			
Surrogate: 2-Fluorophenol	23.8		"	40.0		59.5	10.7-76.6			
Surrogate: Phenol-d5	20.8		"	40.0		52.1	13-62.4			

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

A handwritten signature in blue ink, reading "Norma James", is positioned above the "Reviewed by:" line.

Reviewed by: _____

Norma James
President

